

Hood Canal Coordinating Council
Aquatic Rehabilitation Program

Wastewater and On-sites Workgroup Meeting Notes
May 7th, 2010; 12:30 to 3:00 PM
Olympia, Washington

Attendance

Amy Georgeson
Duane Fagergren, Puget Sound Partnership and HCDOP
John Eliasson, Dept. of Health
Julie Horowitz, HCCC
Keith Grellner, Kitsap Health District
Mike Brett, University of Washington
Scott Brewer, HCCC
Stuart Glasoe, Washington Dept. of Health
Teri King, Washington SeaGrant
Terry Hull, ShoreBank Enterprise Cascadia
Tom Strong, Skokomish Tribe

Materials Distributed

May 7th meeting agenda
Aquatic Rehabilitation Action Plan and Wastewater-OSS Chapter Outline
Scope of work for GIS mapping of Wastewater-OSS in Hood Canal watershed

Meeting Summary

- 1) Updates –
 - a) The WA legislature appropriated funds (\$1.645million) for the Potlatch Bubble project.
 - b) State agency budgets are due June 1st. Need to move relatively quickly on recommendations, but flexibility with timing of bringing them forward.
- 2) What information do we need from the Hood Canal science research?
 - a) List of potential questions for scientists:
 - i) What are the relative contributions of nitrogen to Hood Canal from current land uses/sources?
 - ii) Geographically, what sources of nitrogen (and other pollutants?) are most important in what locations? Particularly, areas with chronic or severe hypoxia.
 - iii) What are the seasonal patterns of nitrogen loading (by source) from the watershed to Hood Canal? What time periods or seasons are of greatest concern?
 - iv) What is the estimated OSS nitrogen contribution to Lower Hood Canal (as a % of the total N loading)? How is this value derived? And, how is this value used to predict dissolved oxygen depletion?

- v) How much nitrogen loading occurs from upland sources in the summer? Is there groundwater flow that results in subsurface transport of nutrients?
 - vi) What are model outcomes - a) if all anthropogenic nitrogen loads are removed? b) if a development build-out scenario is modeled?
 - vii) What does the marine model tell us about hypoxia and nutrient loading in Hood Canal?
- 3) Proposed possible near-term recommended actions related to wastewater-OSS
 - a) Develop GIS mapping of OSS in the Hood Canal watershed.
 - b) Build increased capacity in county programs working on OSS management.
 - c) Focus efforts and resources on high risk OSS that are within 50 of the shoreline.
 - d) Limit/eliminate waivers for OSS changes within 100 feet of the shoreline.
 - e) In the event that an OSS maintenance report documents unsatisfactory conditions, follow up or enforcement should be triggered. Funding would be needed to implement this recommendation.
 - f) Funding for capacity to repair/upgrade OSSs through Shorebank.
 - g) Review local OSS management plans to determine if collaborations and greater consistency can be achieved on a watershed level.
- 4) GIS mapping of OSS
 - a) Some of GIS mapping work may have already been done by DOH and by UW, check with contacts.
 - b) Counties use different types of databases for tracking OSS's, but all are GIS compatible.
 - c) Notes for GIS mapping –
 - i) Age of OSS and subsequent inspections are important – materials wearing out is the biggest cause for failure.
 - ii) May not have data on types of OSS systems – may not be important data.
 - iii) Not necessary to identify the exact drainfield locations, on ~95% of properties it's within 50ft of the house.
- 5) Next steps
 - a) Move forward on OSS GIS Mapping project (Julie Horowitz)
 - i) Revise scope based on workgroup feedback
 - ii) Work with counties and DOH on indentifying data
 - b) Move forward with Shorebank funding efforts (Terry Hull)
 - i) Draft proposal for HCCC Board
 - ii) Other funding sources?
 - c) Revisit local OSS management plans (John Eliasson, Stuart Glasoe, Keith Grellner, Amy Georgeson, Linda Atkins)
 - i) DOH and the counties will work together to compare elements of their current OSS management plans and work towards greater consistency across plans

- ii) Discuss amendments counties are planning to make to their management plans.
- d) Where we are going from here:
 - i) Project leads identified for “next steps” begin work and be prepared to report progress at next work group session
 - ii) Julie will send out a Doodle Poll in early June to set the next meeting.